

Industrial Data Solutions® - Industrial Twinax

Twinaxial Cables



De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation	
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.

**22 AWG • Stranded (19x34) 0.8 mm Tinned Copper • Duofoil® • 22 AWG Tinned Copper Drain Wire**

<b>Datalene® Insulation • Black PVC Jacket</b>																			
30V 60°C	<b>9182</b>	NEC:	U-500	U-152	22.5	10.2	0.78 mm	0.137	3.49	Overall	0.345	8.76	150	78%	8.8	28.9	1	0.4	1.3
UL AWM Style 2668		CL2X CMX	500	152	22.9	10.4	22 AWG			Duofoil®							10	1.2	3.9
		CEC:	1000	305	44.1	20.0	(19x34) TC			+ Drain Wire							50	2.7	8.9
		CMX								(22 AWG TC)							100	4.3	14.1
																	200	6.2	20.3
																	400	8.8	28.9



VW-1

Color Code: Black, Yellow

Dual version: YR41609  
CPE jacket optional.

<b>Datalene® Insulation • Black FRNC/LSNH Jacket</b>																			
300V 80°C	<b>9182NH</b>	IEC 332-1	1000	305	50.3	22.8	0.78 mm	0.136	3.45	Overall	0.346	8.80	150	78%	8.8	28.9	1	0.4	1.3
		BS 7655	1640	500	80.0	36.3	22 AWG			Duofoil®							5	0.9	2.8
			3280	1000	150.1	68.1	(19x34) TC			+ Drain Wire							10	1.2	3.9
										(22 AWG TC)							20	1.7	5.6
																	50	2.7	8.9
																	100	4.3	14.1
																	200	6.2	20.3
																	400	8.8	28.9



Color Code: Black, Yellow

<b>Plenum • Foam FEP Teflon® Insulation • Black FEP Teflon® Jacket</b>																			
	<b>89182</b>	NEC:	100	31	6.4	2.9	0.78 mm	0.139	3.53	Overall	0.307	7.80	150	78%	8.8	28.9	1	0.4	1.3
		CMP	† 500	152	28.0	12.7	22 AWG			Duofoil®							10	1.2	3.9
		CL2P	† 1000	305	53.1	24.1	(19x34) TC			+ Drain Wire							50	2.7	8.9
		CEC:								(22 AWG TC)							100	4.3	14.1
		CMP FT6															200	6.2	20.3
																	400	8.8	28.9



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TC = Tinned Copper • DCR = DC resistance  
† Spools are one piece, but length may vary ±10% from length shown.

Duofoil® see technical information page 23.13.

Teflon® is a DuPont trademark.